

Global Command and Control System-Army (GCCS-A)

Enhances warfighter capabilities across the spectrum of conflict, during joint and combined operations, through automated command and control tools for strategic and operational commanders.

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

Description & Specifications

The Global Command and Control System-Army (GCCS-A) is the Army's strategic and operational command and control (C2) system, providing readiness, planning, mobilization, and deployment capability information for strategic commanders. For theater commanders, GCCS-A provides the following:

- Common operational picture and associated friendly and enemy status information
- Force-employment planning and execution tools (receipt of forces, intra-theater planning, readiness, force tracking, onward movement, and execution status)
- Overall interoperability with joint, coalition, and the tactical Army Battle Command System (ABCS)

GCCS-A supports Army units from the strategic commanders and regional combatant commanders in the theater, down through the joint task force commander. As part of ABCS, GCCS-A provides a seamless Army extension from the joint GCCS system to echelons corps and below. Compatibility and interoperability are achieved by building the GCCS-A applications to function on the common operating environment and through interfaces with other C2 systems within the Army and other services.

The common operating environment specifies a common system infrastructure for all C2 systems in accordance with the joint technical architecture guidelines, which provide common support architecture and modular software for use by the services and agencies in developing mission-specific solutions to their C2 requirements. The hardware platform is based on commercial, off-the-shelf hardware. The system users are linked via local area networks in client/server

configurations with an interface to the Secret Internet Protocol Router Network for worldwide communication.

Program Status

- **2QFY05–1QFY07:** Continue integration and testing of GCCS-A Block IV
- **2QFY05–1QFY07:** Support Operations Enduring Freedom and Iraqi Freedom (OEF/OIF)
- **2QFY05–1QFY07:** Support Network Enabled Commanders Capability (NECC) Milestone A & B efforts to include development of the capabilities description document with the Army annex with unique situational understanding requirements
- **2QFY05–1QFY07:** Develop and field Defense Readiness Reporting System -Army (DRRS-A) Force Readiness Tool (Phase 3)

Projected Activities

- **2QFY07–4QFY07:** Continue integration and testing of GCCS-A Block IV Releases 4.1 and 4.2
- **2QFY07–1QFY08:** Continue spiral development in support of DRRS-A Phase 4 requirements
- **2QFY07–1QFY09:** Continue directed fieldings and required support for OEF/OIF
- **2QFY07–1QFY09:** Continue support to NECC technology demonstration phase and transfer of GCCS-A capability to NECC

ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support

Global Command & Control System - Army

Global Command and Control System-Army (GCCS-A)

FOREIGN MILITARY SALES

None

CONTRACTORS

Prime:

Lockheed Martin (Springfield, VA)

Software:

Lockheed Martin (Springfield, VA)

GESTALT (Camden, NJ)

Hardware:

General Dynamics (Taunton, MA)

GTSI Corp. (Chantilly, VA)

Fielding support:

FC Business Systems (Springfield, VA)

Engineering Solutions & Products
(Eatontown, NJ)

Software training:

FC Business Systems (Atlanta, GA)

